

Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Agave attenuate glacera? Most Cels, Paris Manh 18 Terhaps sperifically different from the true attenuate (Cels) Hut in fall bloom Owleaves were 6 feel long and ten wite, smooth on margin, with elengeted slender herbrown lips, about the time of the exhibition 18 month, ago the plant showed signs of preparation for flowering by seraking smiller leaves in the realise, though it was very healthy and vigorous; but only son splanty ago (ortol 8") the scape began to form and the first flower, open a month ago - they outshin to open and about our half, the expense france, are in bud yet. Smuk 15 or 18 jacker hegy below the leave Centy park a Cittle Congre ; some 9 hogy it lower park imbritally covered with numery læure-linean bruets, dann it a log poris herbarer, not all some, and some Akal pululos on flexceon ap want. The flow being part of stape about ? long her and (with the dense flowers) 10 inches i dant her the Cia an Grant protonding beyond the offers flowing mass 6. principal bruet, on the suit shot axis x Short straky (a) (a) 66' 2 laterel scrondy Grants on short axis leaving i their ax if the effet flowers or your and Thee peduale of These bears l'' on but, and in their acil the flow tains a'a , the pudmice et elongited Brut of these bear Marell brut 6" 6" and This citte place desouted froles MISSOURI

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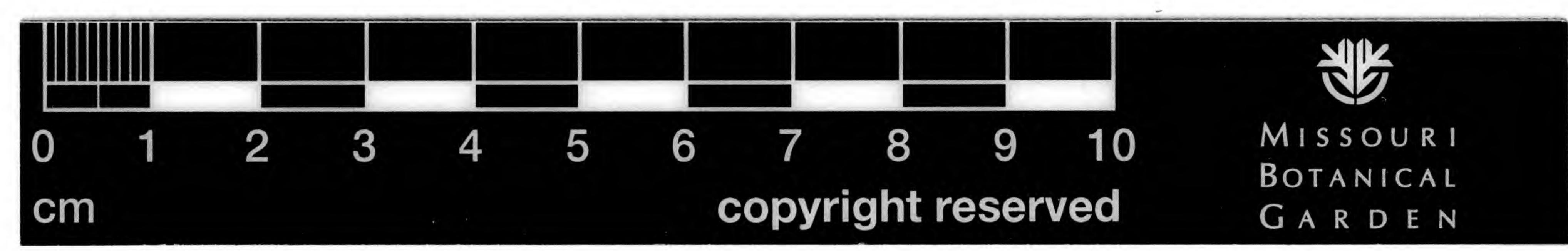
small a fortir flowers a" a" fartopia ! take only 3 liver on 3/4 liker 6/2 mm long, infulible for Carshire 1 inth (25 min) long obbong - Cirear, involving the starmer wards is flag end (-itt bud) below the apex of the phyllen author author not quite Diach lengt - filaut a styte after vans more elongettevang a little over 1 inch long, linear say! lærinae eguel - length to ovay much longer (6-8 times as Cong) as tale flaments the below the Laux of the tube, exceeding the corolla about one half the Congth of the Cobes



Epernile truck shorter De Johnson of Aflowers of sometian, with said went, of a third pain of flowing

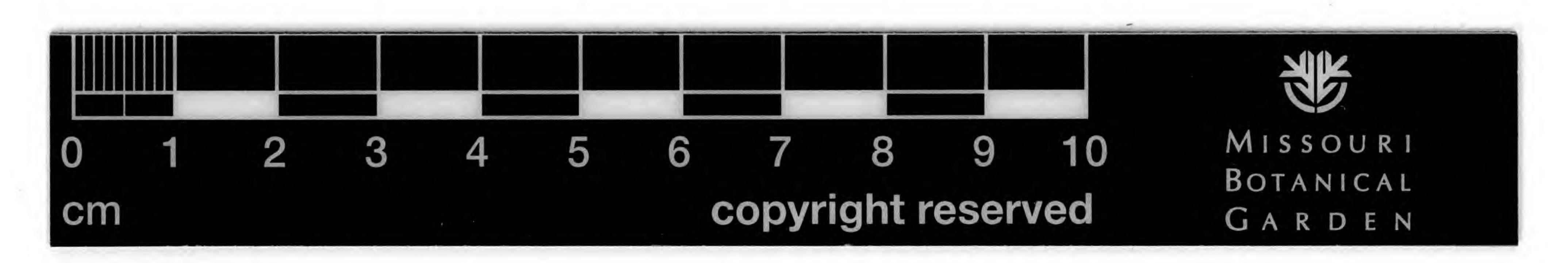
GARDEN

Berli, et Keselof, Sume 5 1869 Agave attenuate Hal Derli - Stavbi f. 177 a backfe sperim, touch 3 high, 2/2 inches L'accent leaves pale glavron, evit long herbaceous fort at smooth edger proliferos from the fixe Same in Hort Odol. June 19 1869. tronk 4-5 feel high 3" Diamet. but flexuois, not well grown - leaver only 2 feet long -



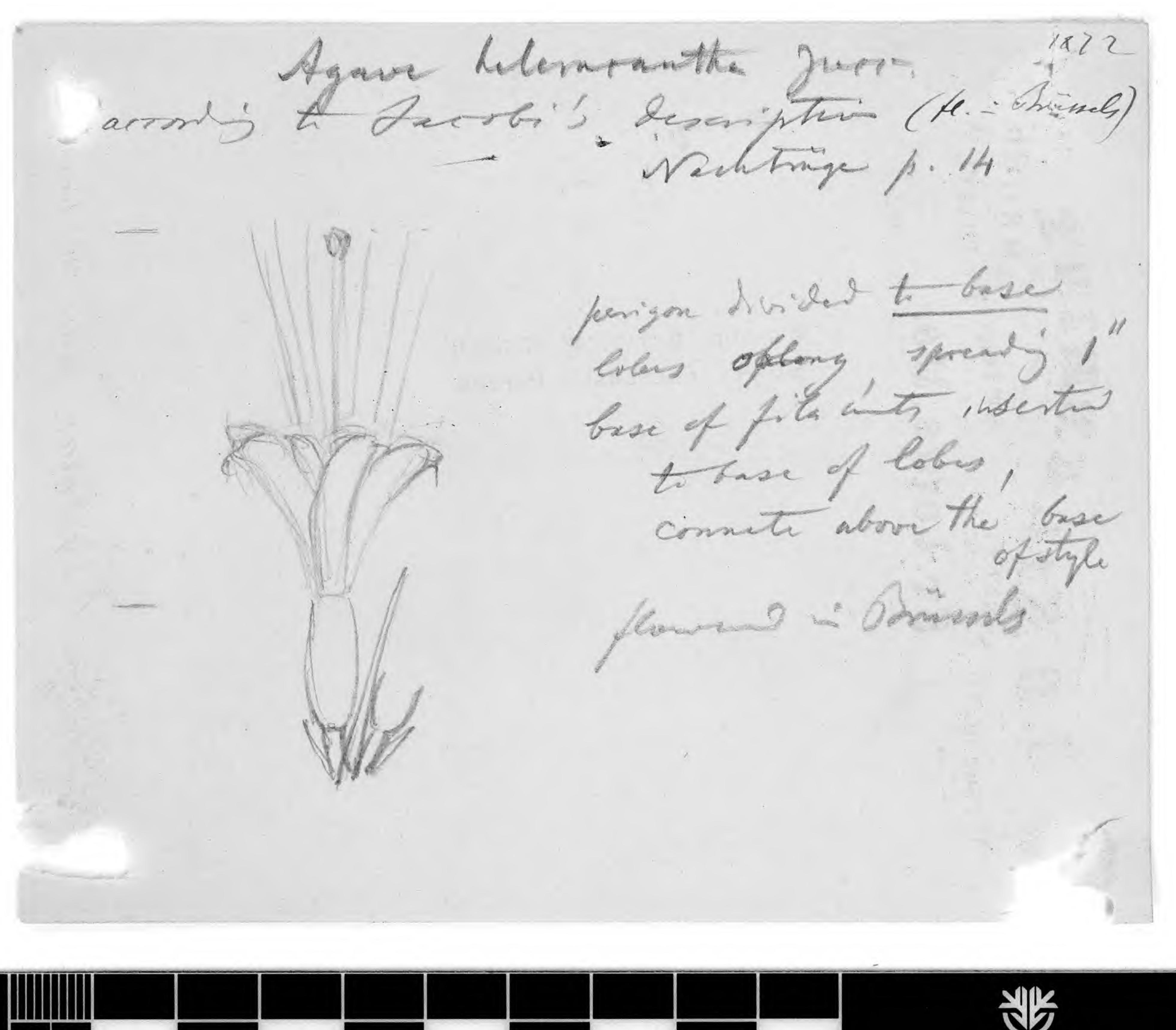


Agen mirraranther Salue - Boupland: VII. 93. Soule, Rofy V. He belags to geminiflome om duse spike. Mex. 10









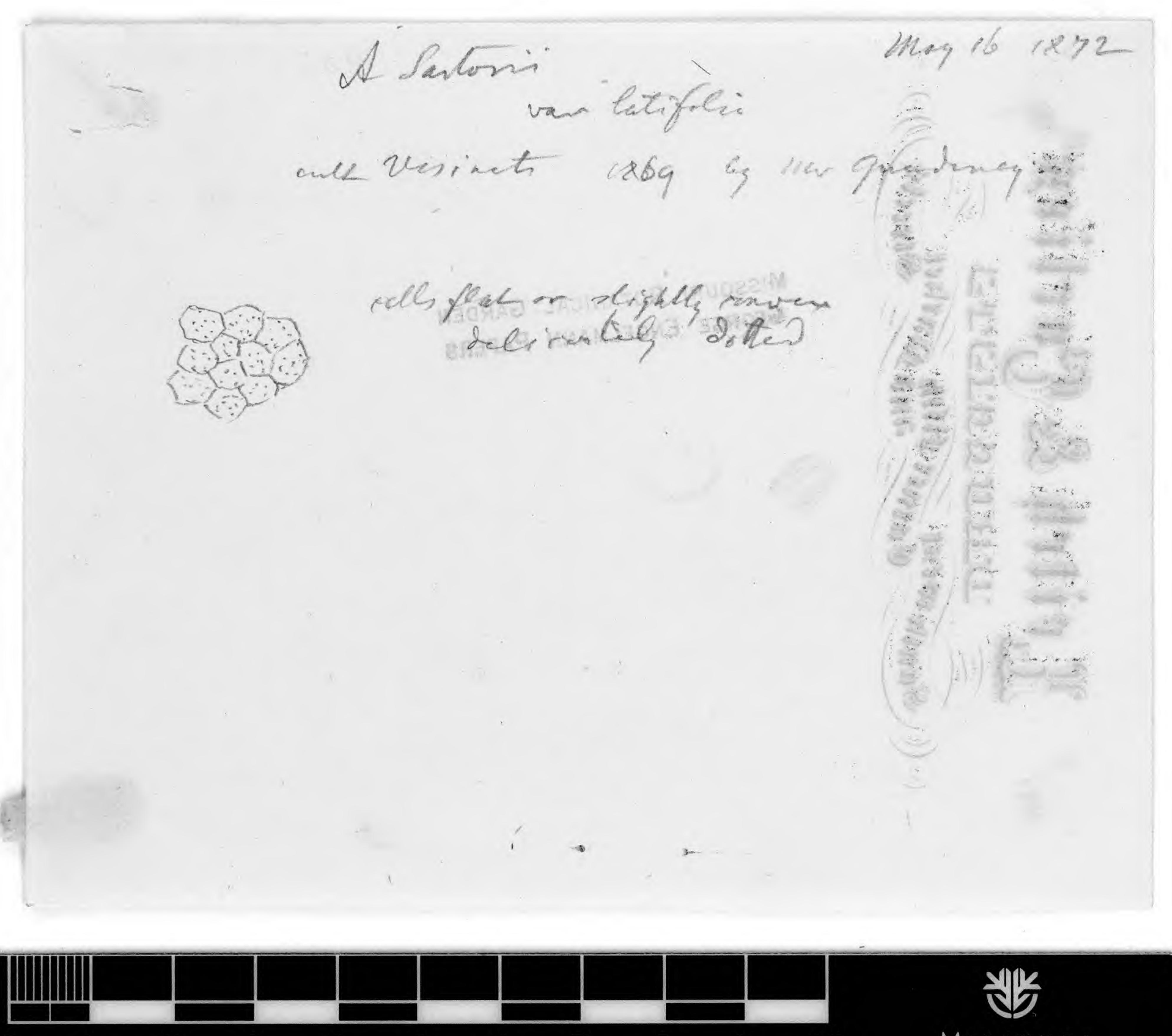


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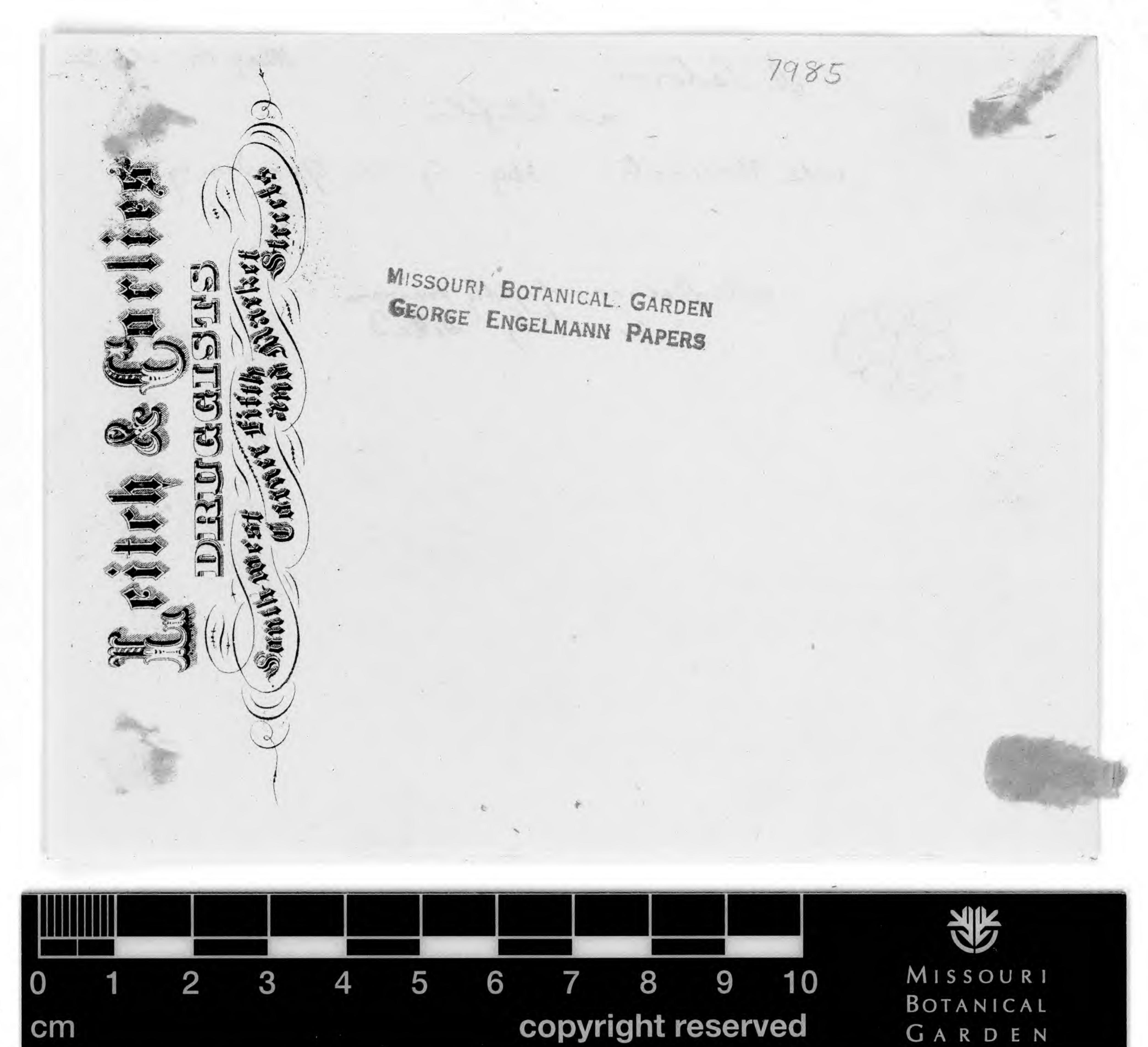
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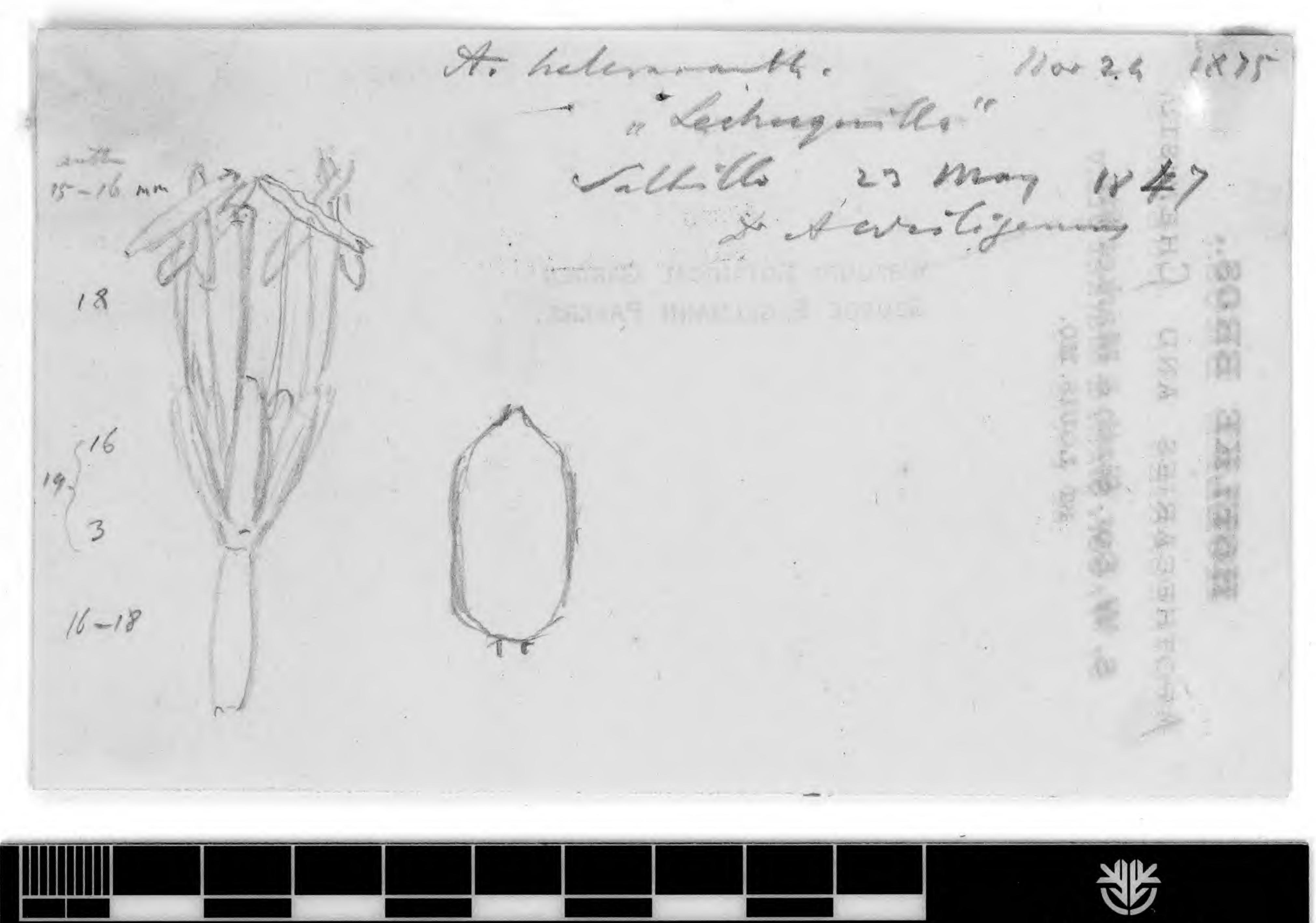
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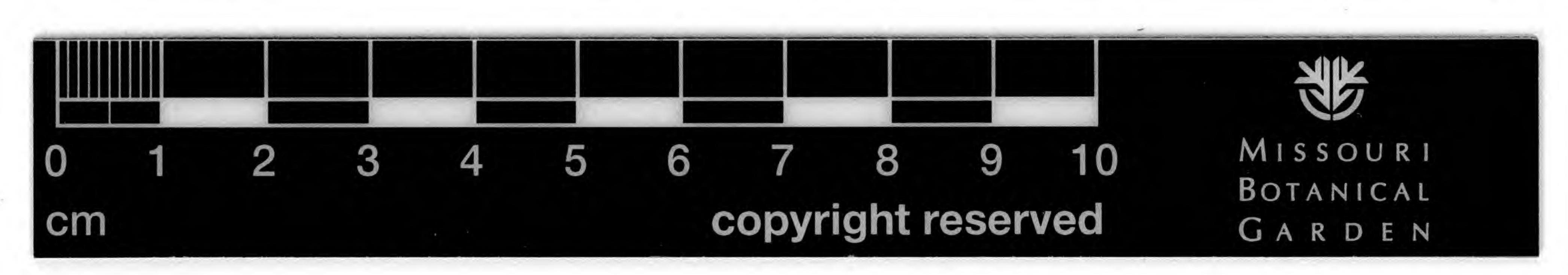


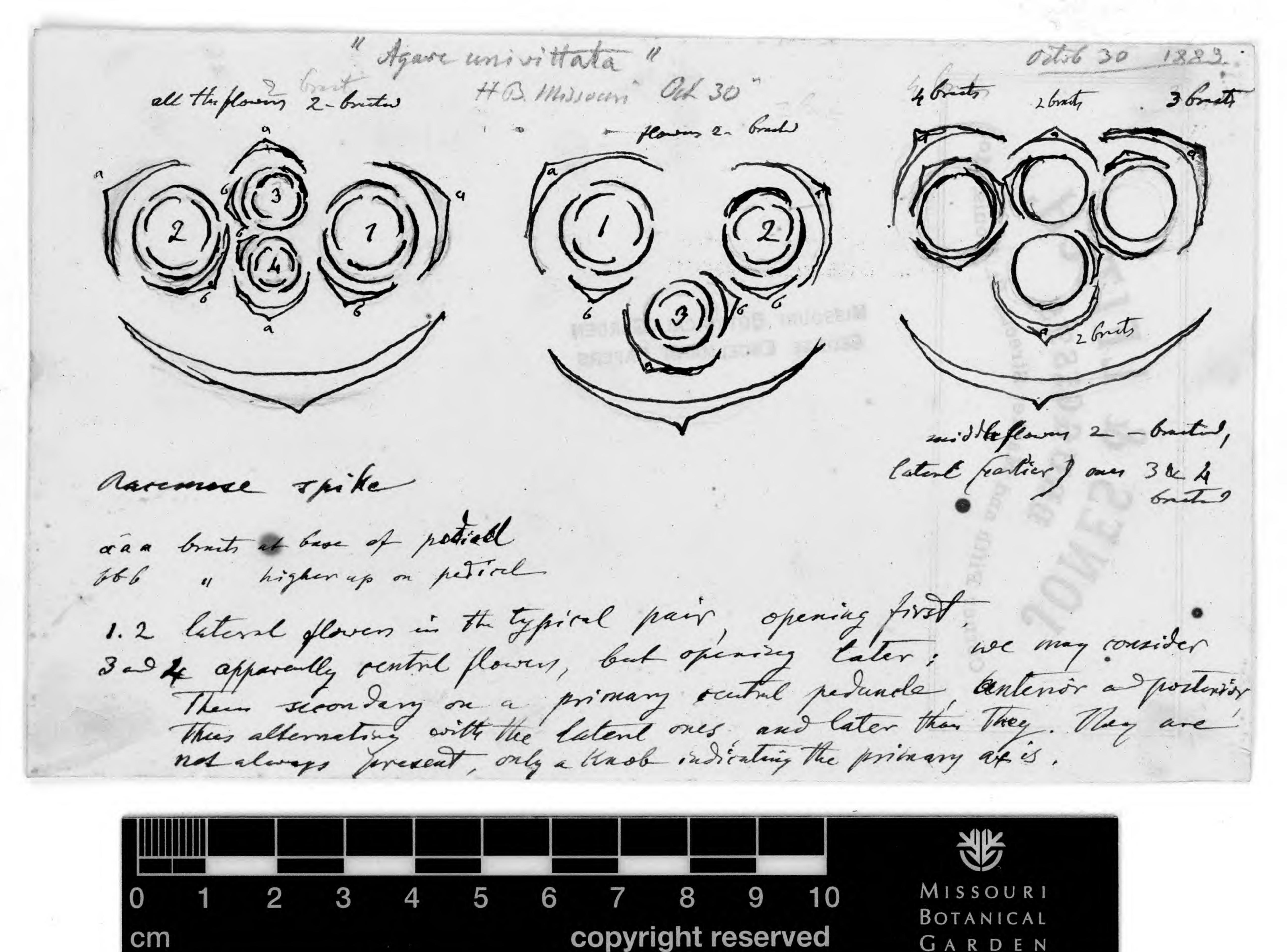


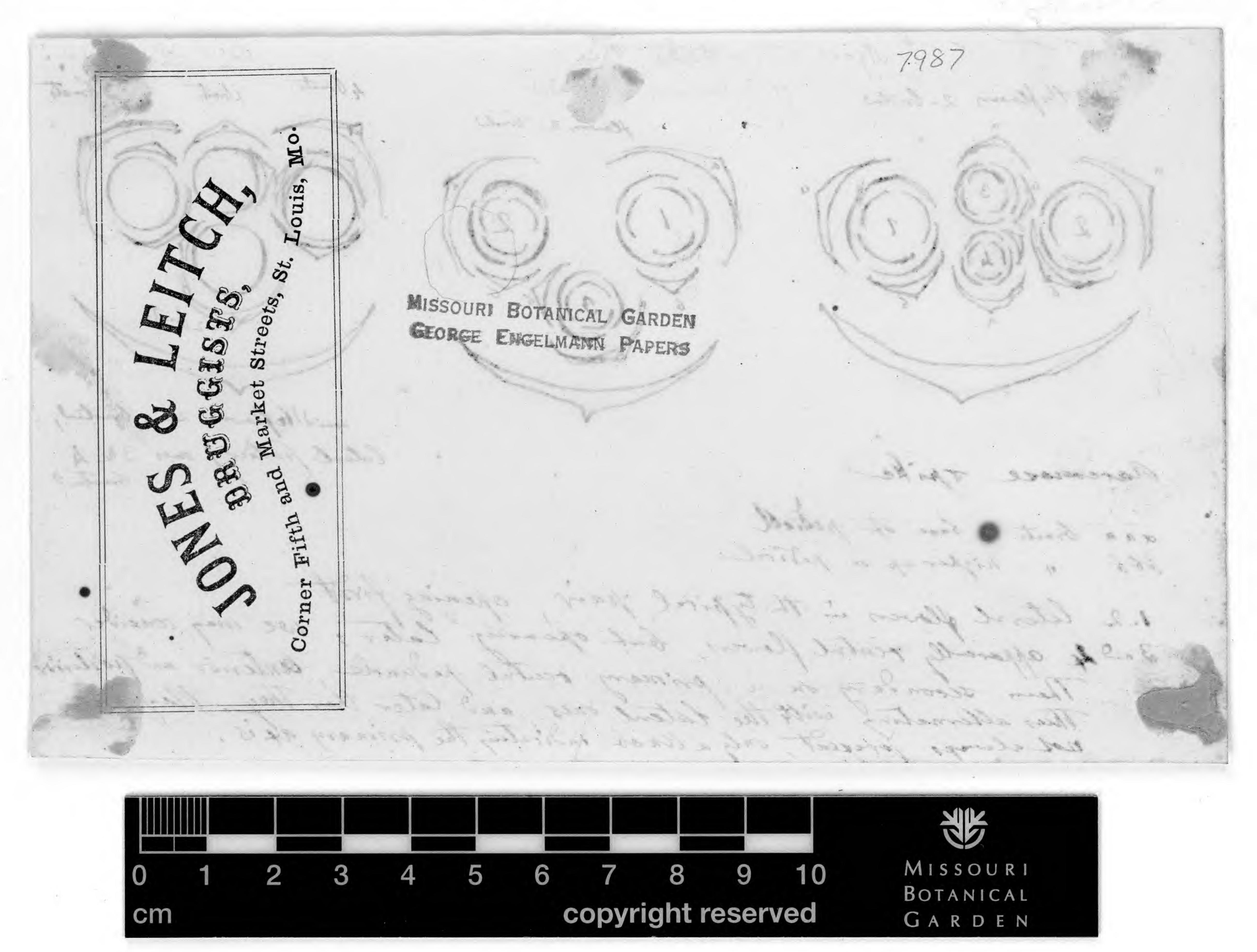


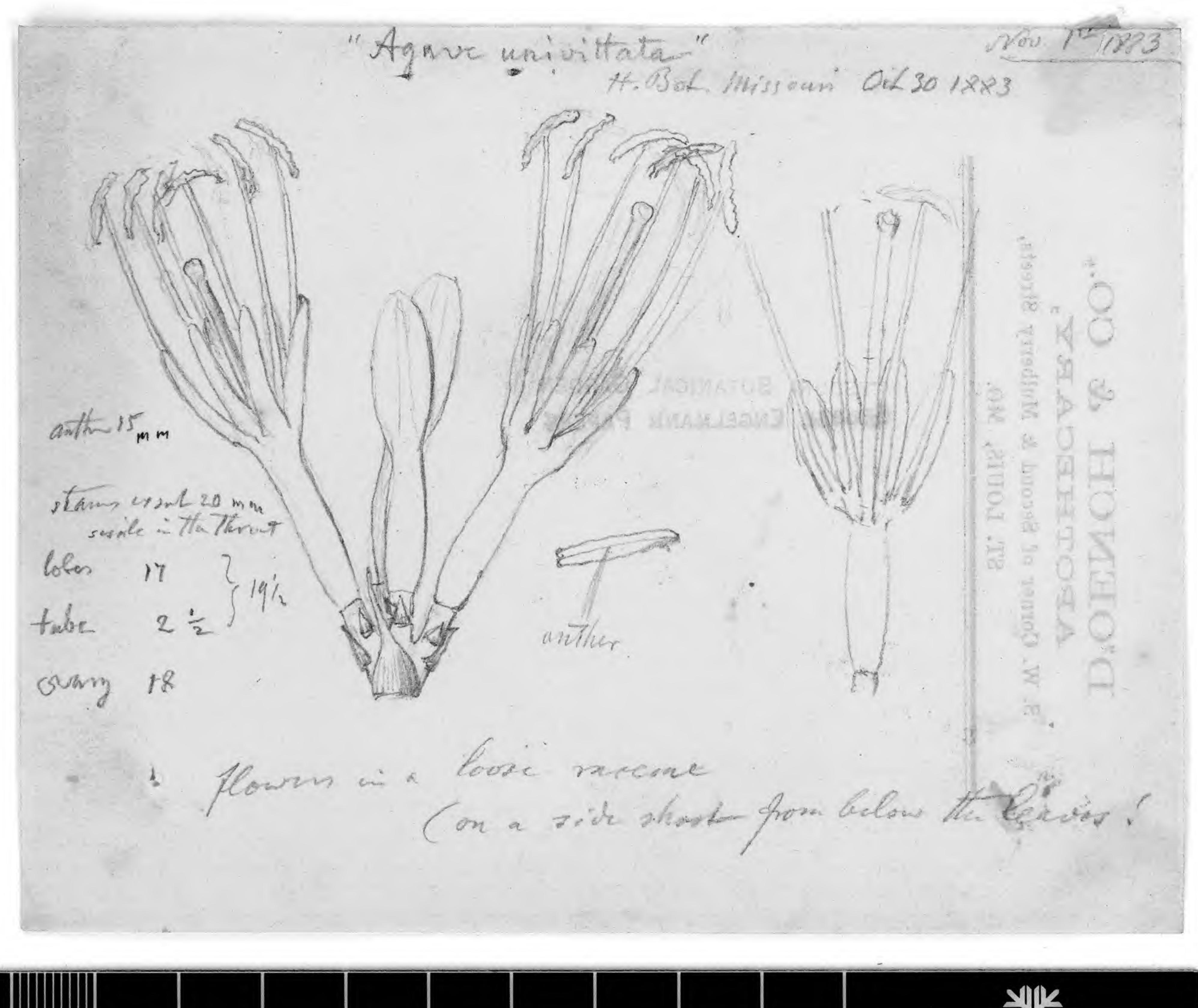
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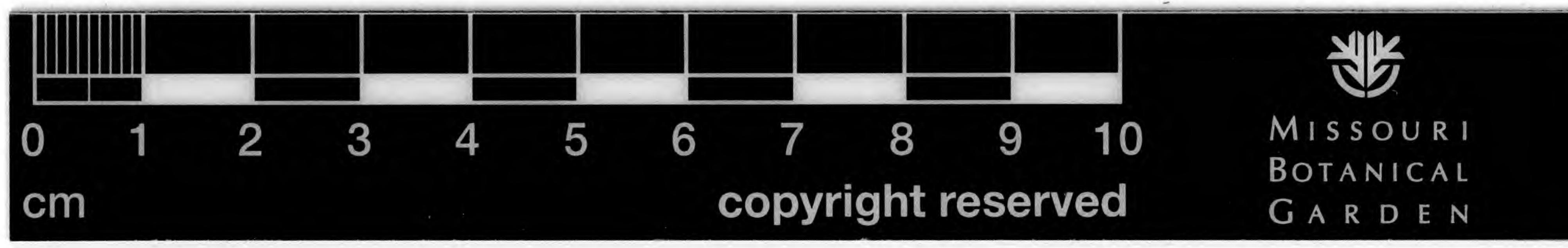
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D'OENCH & CO., APOTHECARY, S. W. Corner of Second & Mulberry Streets

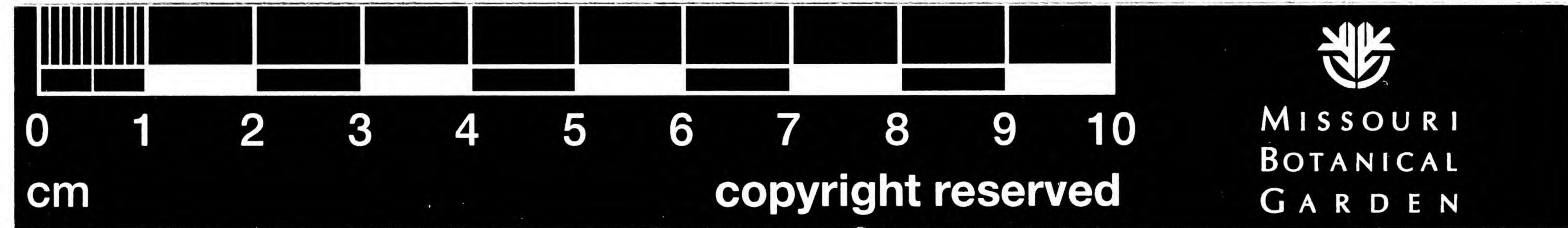
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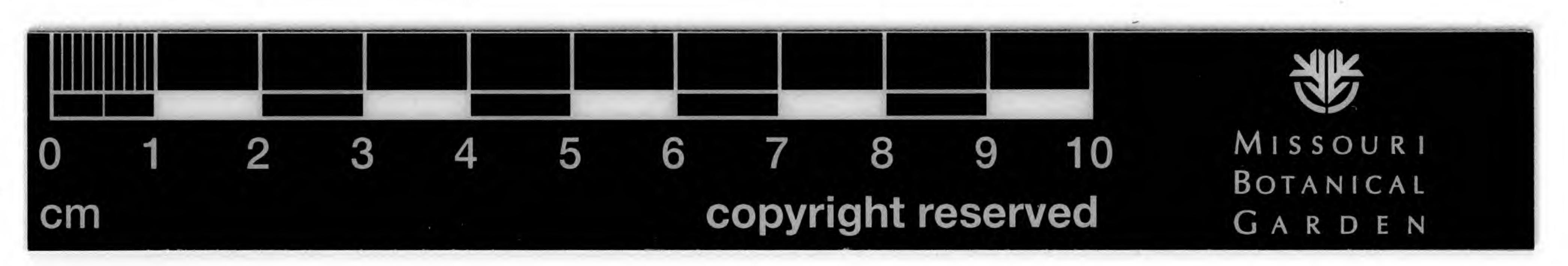
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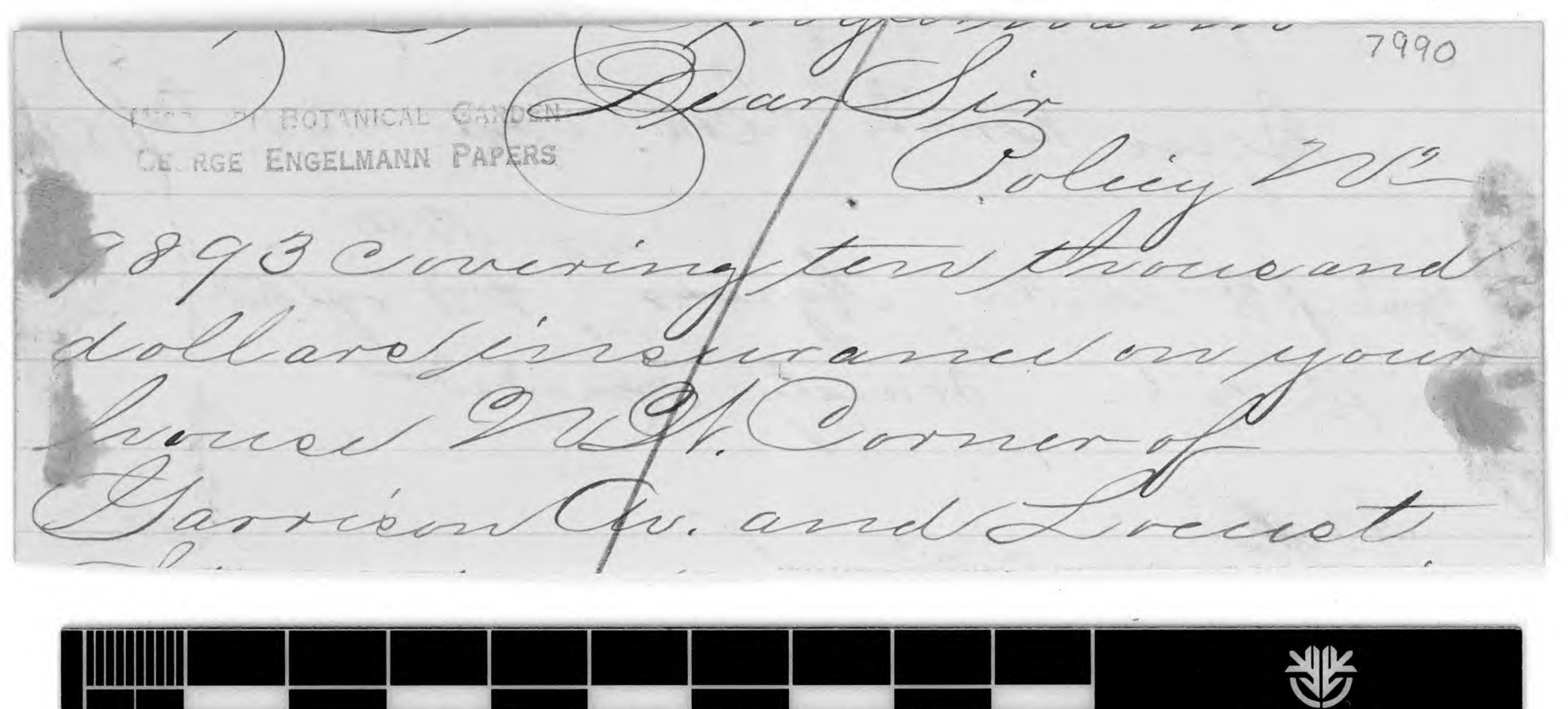


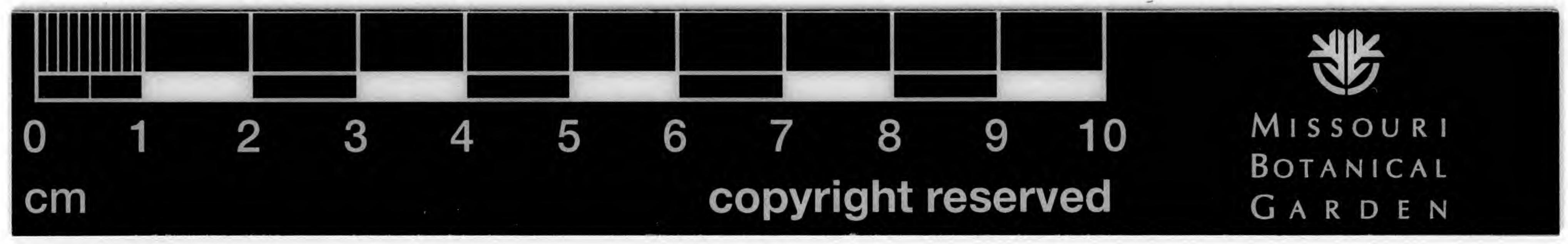




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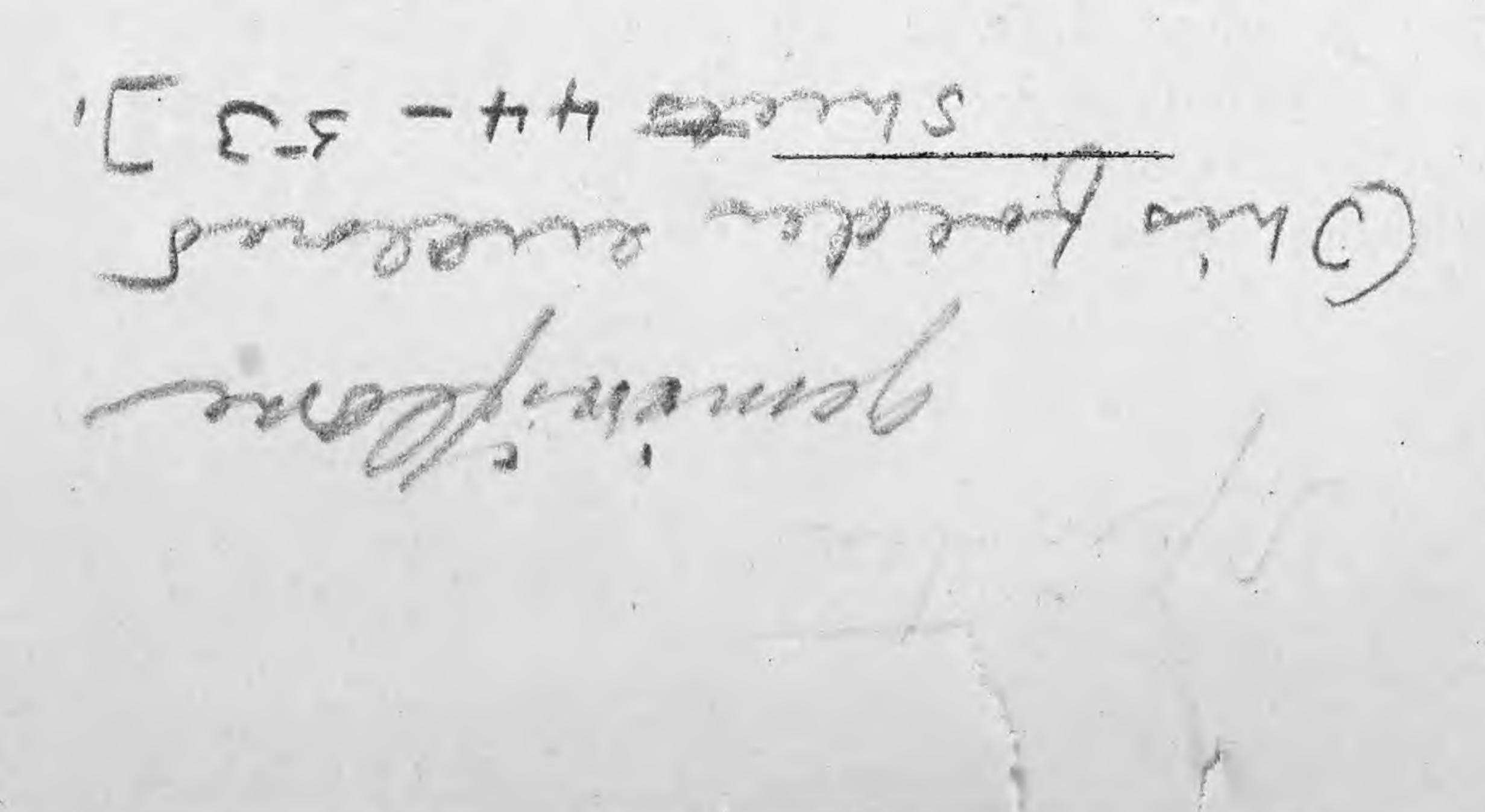




be considered how rarely anybody may have taken the trouble to search out the exact post-mortem appearances of animals that died several weeks after the experiment for which they served. This much is indeed well known to physiologists, that rabbits in whom the sympathetic nerve in the neck was cut, usually perish five, six, or eight weeks later; henceforth it will be of interest to investigate the cause of death in these animals, and it will be, so to speak, a test of our deduction, whether or not pulmonary tuberculosis will be found in a large number of the animals that have thus died.

"We justly hesitate, however, to draw still farther conclusions from our experiments Firmly as we dare to maintain our conception of the history of tuberbulosis by inoculation, or, as we may well say, 'traumatic' tuberculosis, we desire to be as cautious for the present in our conclusions as to the 'idiopathic' tuberculosis, so to speak, of man.

"Just as little do we venture an opinion as to what is the active element in the inspissated, necrosed pus,—whether it is the free, highly refractive granules, or the shriveled pus cells, or perhaps a chemical substance held in solution; only, in view of the wellknown, very different effects of the injection of fresh pus into the veins of dogs, we think we must lay particular stress upon the fact that it is necrosed ['abgestorbener'—dead, decayed] pus. Moreover, we have in nowise got nearer to a solution of the question, so much discussed in these latter years, of the relation of tuberculosis proper to the so-called caseous pneumonia. It is true, we have repeatedly found in the lungs of our Guinea-pigs, along with the tubercles, the presence of more or less extensive, dry and tough, yellowish-white hepatisations which presented not a little similarity to what in man is designated as cheesy pneumonia. We regard this question, however, as much too intricate to be settled thus casually by a few isolated experiments, as it is still in doubt, besides, if the lungs of rodents are the proper objects for this purpose. Finally, we do not venture the slightest attempt to explain, by means of the material thus far actually brought before us, the mechanism of the occurrence of tuberculosis and its extension over the organism."



the removal of foreign bodies from the ear. From the context of his remarks it seems not likely that he was aware of the existence of Dr. Billroth's instrument, or any similar invention based on the same idea.

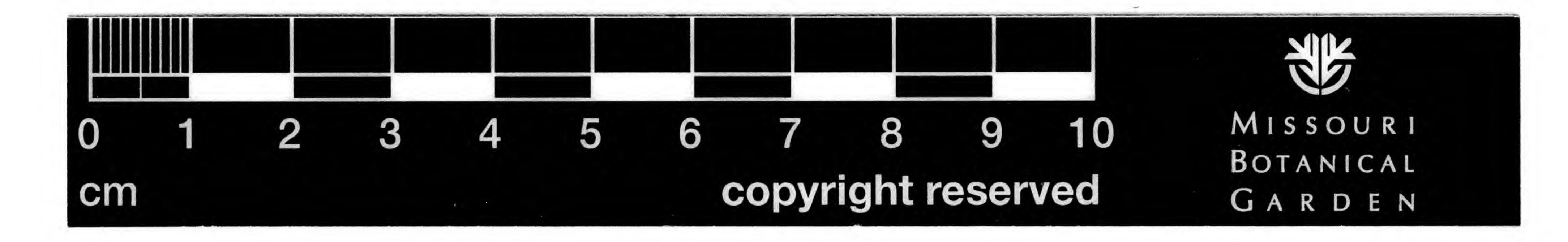
THE ORIGIN OF TUBERCULOSIS.

Referring to our previous article in the January number, in which we communicated Dr. Washington's letter on the experiments of Cohnheim (and Frankel, the associate in his labors), we deem it a matter of some importance to lay before our readers the actual conclusions these two experimenters deemed themselves warranted in expressing. They are embodied in an extended article in *Virchow's Archiv*, Bd. xlv., p. 216; and we take pains to transcribe their own words (pp. 227–229) as literally as possible:

"No one, indeed, can be less inclined than we, to draw too far going conclusions from our experiments, but we do believe that the whole series of them and especially the three performed on dogs, in which we are unable to discover any essential sources of error, justify and compel this conclusion: that it is really the necrosed and inspissated pus, to the reception of which into the circulation tuberculosis owes its origin. This assumption fully explains all facts which have come under observation in our entire series of experiments; and the results of all other experimenters may also, we think, be interpreted in this way without constraint. Every inoculation, in the rabbit or Guinea-pig, at whatever place performed, or with whatever material, must have produced conditions under which an accumulation and subsequent inspissation of pus could take place, and therewith, as we assume, the possibility of tuberculosis being developed; in the dog, on the other hand, where, as is well known, such inspissation of pus very rarely occurs, the production of tuberculosis has for that reason been effected in so few cases only, and one seems to be certain of success only when the necrosed thickened pus is introduced directly into the circulation of the animal. At first sight, it might appear paradoxical, that so striking a fact as the development of general tuberculosis in consequence of the inspissation of pus should not long be known, when every physiological laboratory offer daily opportunity to verify it; at the same time, it should

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SAGE ENGELMANN PAPERS

1662



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C. Koch Wochenster f. Garlandt 1860 p. 37 : Lacobi p128 f. in Bouch f Agave Sartoris (and Monettie government) Frink 2 feet; leaves 2-2/2 feet long, flesh This ranow 2-3 inches will with soft al Delirate herbaceons teeth and a boursish spinous point, plant sprouting from axil of leaves Scape 4-5 fect long flevord, curved oven almost pendelous; flowering part only I food long; bruits subulate; in the flows part inch long, Agave dasylisistes hærelse a pladelong 3 Times in the garden, I sprout freely Agave Sastoni' C'Hoch And bot Bestein July flowing withers? Past flowing, get adhening - mi paiss overy apparently about 12 mm long take 4 mm long landie about 14 mmlong, 4 mm, I south 5-5 proti) staming resulted in glewy two as Cong as glovers fall 30 mm for inserted to author) author 12 mm MISSOURI

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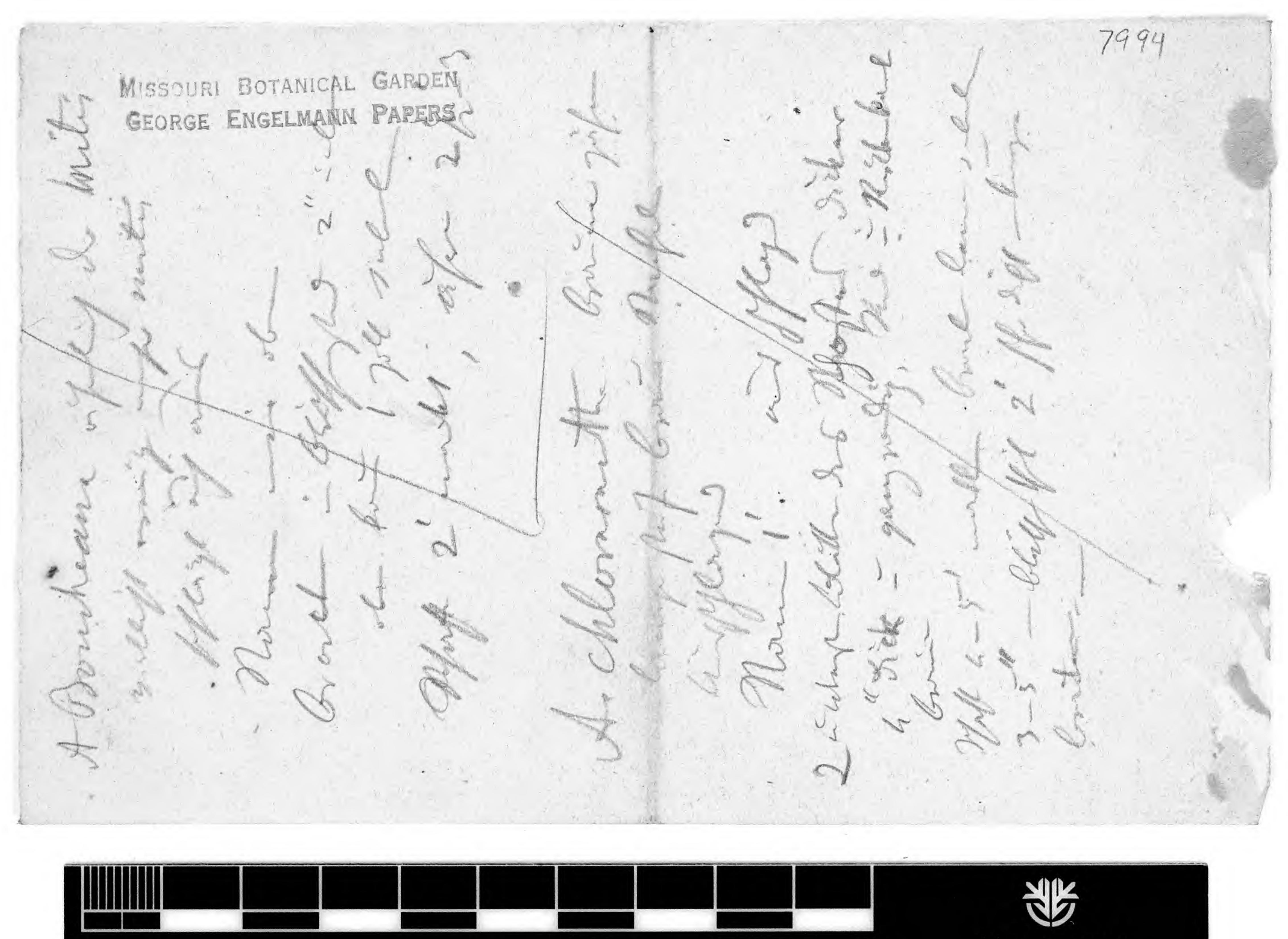
Agave dissordes Jerobi & Souche , en Jarobi edgen. p. 1.50 . Hert Berolin June 19 18.68 No trunk - scape simple, spiked, below covered or ity linear . scandus Bruts Stammy inserted at Siffered elevations podynoing mule)

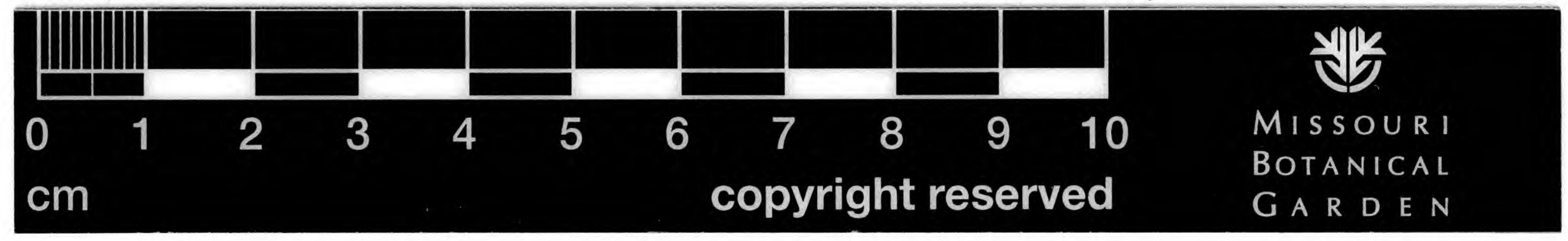
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Agave Das, liviordes Souche & Forthe's Age. p. 150 Host bot Berve: Ju- 19 1868. Gesternels wargering Acaulescent scape simple ourved up part part covered with Concer scales scarner brets stamme, apparently insert at different. Elevation, notes i gard.) Janobe place flower 1862 and the same specing agin i Aus Berli 1868 and Calivery Those person 3 times in all Mouche!

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